SEA 05N Contributing To

Sustaining .

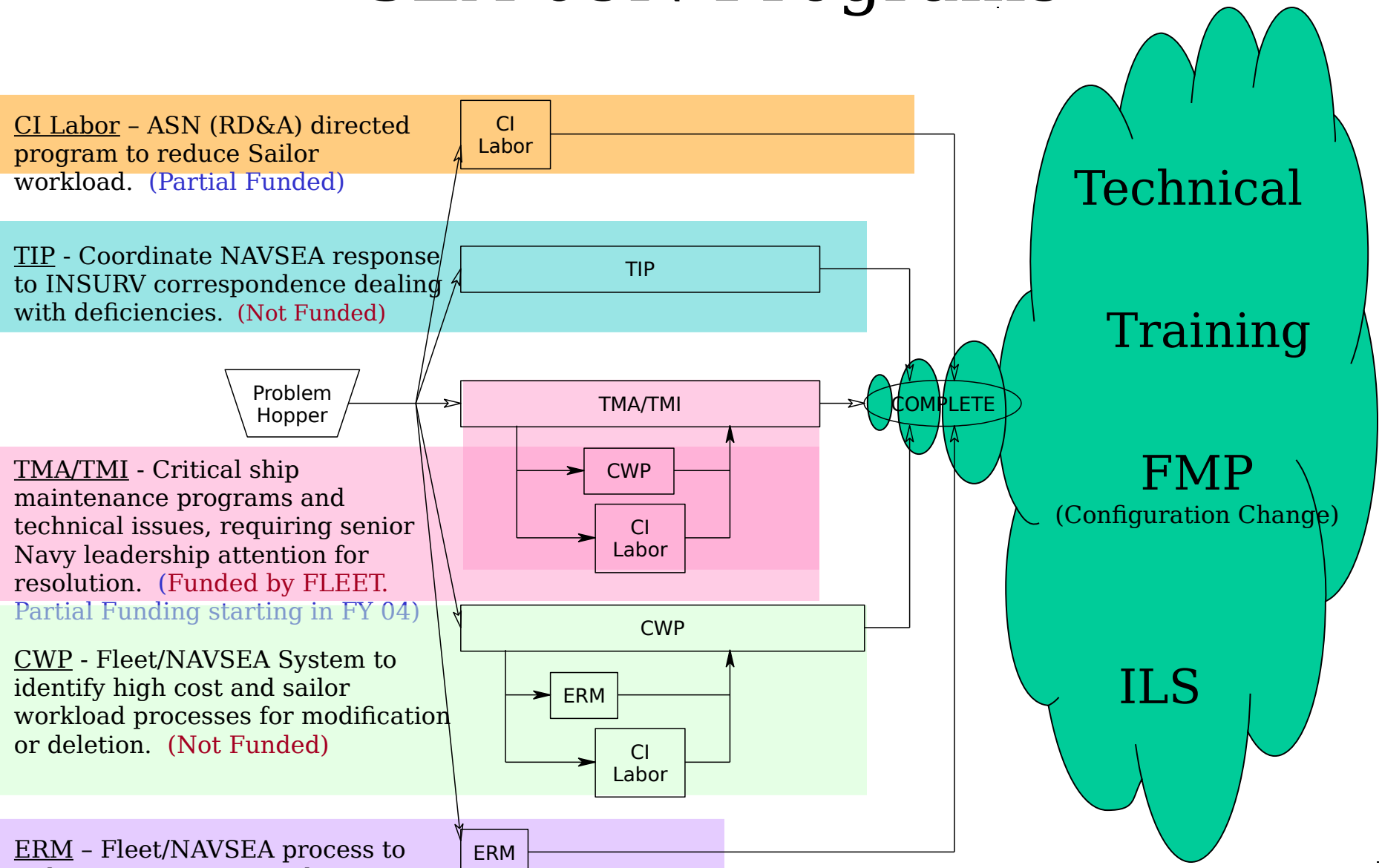
. .

Assistant for Maintenance Process Improvement, SEA 05N
(202) 781-3575

- Agenda

– 05N Programs
– TMA/TMI
– 05N Program for FY 2003

SEA 05N Programs


CI Labor – ASN (RD&A) directed program to reduce Sailor workload. (Partial Funded)
TIP - Coordinate NAVSEA response to INSURV correspondence dealing with deficiencies. (Not Funded)
TMA/TMI - Critical ship maintenance programs and technical issues, requiring senior Navy leadership attention for resolution. (Funded by FLEET. Partial Funding starting in FY 04)
CWP - Fleet/NAVSEA System to identify high cost and sailor workload processes for modification or deletion. (Not Funded)
ERM – Fleet/NAVSEA process to reduce maintenance and repair costs by implementing advanced technologies. (Partial Funded)
CI Labor
TIP
Problem Hopper
TMA/TMI
CWP
CI Labor
CWP
ERM
CI Labor
ERM
COMPLETE
Technical
Training
FMP
(Configuration Change)
ILS

44 Open and Track Items

- 400 Hz Power Generation
- ABT Switches
- Air Conditioning Plants R-12 And R-114
- Aircraft Elevator Lift
- AN/SLQ-48 Mine Neutralization System
- AN/SPN-43c Radar
- AN/SPS-48E RADAR
- AN/SQQ-32 Sonar
- AN/SQR-19 Towed Array
- AN/URT-23c(V)1 HF Xmtr
- AN/USQ-153 Lan
- AN/WSN-1, 2, 3, 5 INS
- Bilge and Dirty Drain Systems
- Boat Davits
- CIWS Blk 1Control Console
- CVN 68 AC Generator AC
- Deck Edge Elevator Door
- Dresser Rand HPAC
- Fire Pumps (Turbine and Motor Driven)
- FO Purifiers
- Galley And Scullery Equipment
- GTG 501k17 Engine (CG47/DD963)
- GTG 501k34 Engine (DDG51)
- HF Transmitter Group
- Induced Draft Incinerator
- LCAC Main Propulsion Gas Turbine Engine (TF40b)
- LCAC Lift Fan
- LM2500 Gas Gen Assy/Engine
- LSD 41/49 Stern Tube Seal
- LSD41 Propln Diesel Engine
- LSD41 SSDG Engine
- MC Circuits
- Mechanical Seals
- MK 13 MOD 4 GMLSMK 86 GFCSMK 92 MOD 2 FCSMk92 Mod 6 FCSOil Water Separators (OWS) (C&S)
- Operator, Motor Valves
- Rapid Securing Device (RSD)Retractable KingpostsTurbine Steam Auxiliary Generator
- Watertight Doors

There were a total of 152 actions completed in FY02. Items of note include

- Developing MACHALT 569 to upgrade dishwashers
- Developing a MACHALT to upgrade FO purifiers
- Issuing an assessment package to allow boat davit weight testing to be extended from 1 to 2 years
- Issued AERs 67,037; 67,057; and 67,058 to improve performance of the installed FFG-7 Distilling Plants
- Approved AER 32/96 (LHA-1) and AER 33/96 (LHD-1) to install an alternate check valve in the deballast air compressor
- Issued MACHALT 505 to install time delay circuitry kits to prevent damage to contactors and control cards on ABTs
- Issued ORDALTs 16770 and 16707 to correct recoil cylinder, seals, and corrosion deficiencies of the MK75 gun mount
- Issued AER LSD-41 16/00 and LSD-49 22/00 to modify AN/SPS-49 radar Installation Control Drawings (ICDs) to require 115 VAC source to ship’s power vice ship’s gyro
- Issued AERs 60235 and 67070; and SHIPALT FFG7-483A to improve the performance of the OWS

Program Initiatives

- Tanks and Voids
- Hull Systems
- SW Systems Fouling
- Piping
- Fasteners
- Bilge Preservation
- Tank Level Indication
- Composites
- Ventilation Systems
- Water Jetting
- Well Deck Systems
- Topside Systems
- Combat Systems
- Deck Coverings (97 SRF (Japan))
- Electrical Systems (98 CNAP)
- Non-Paint Coatings (99 Fleet Wk)
- Closures (00 CNAL)
- Powder Coatings (01 Fleet Wk)
- Thermal Barriers (02 Fleet Wk)

There were a total of 114 actions completed in FY02. Items of note include

- Approved hybrid gaskets in FO and LO systems
- Issued instructions for OPNAVNOTE 4700 to allow TYCOMs to extend drydocking based on a condition based assessment
- Approved an engineering package for the CPP to allow extension from 5 to 7 years
- Issued NSTM 510R4 Appendix B “Ducting Cleanliness Guide”
- Issued AER 60,229 to install TVSS on CG-47 class ships and AER 64,207 to install TVSS on DDG-51 class ships
- Issued LAR approval for installing multijack bolt fasteners on submarine signal ejectors

Fleet Identified CIL A

Technologies Cutting Across Platform and Prog

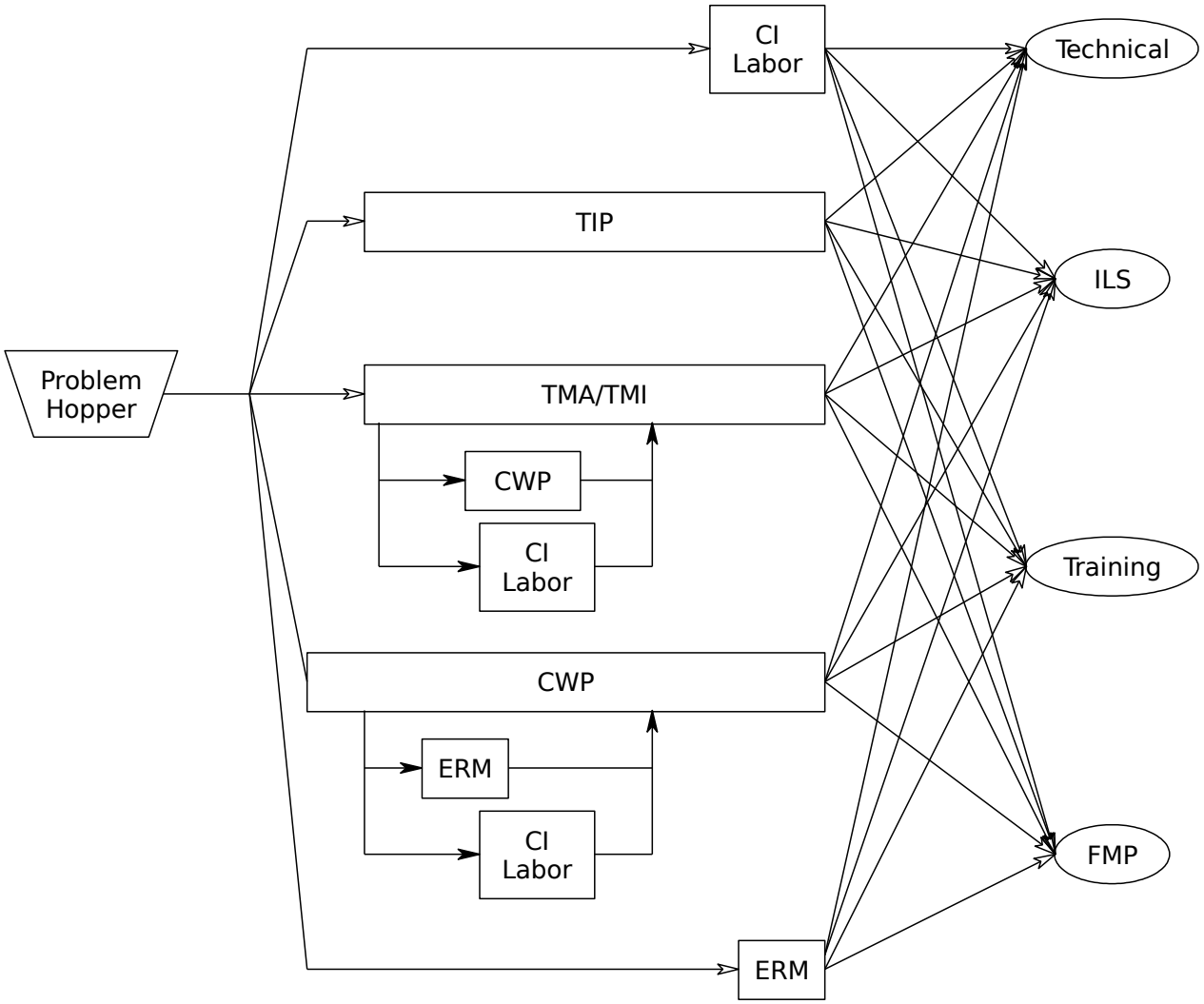
- Anti-Stain Paints
- Automated Oil Analysis
- Bilge Preservation
- Calibration Reduction
- CHT Corrosion Resistant Valves
- Composites
- *Freeboard Paints*
- Fuel System Training
- Hand Tools
- Durable Easy Care Tile
- Hydroblasting
- *Improved Fuel Fill Control System*
- *Machinery Space Ventilation*
- Magnetic Couplings
- Mechanical Seals
- Nonskid Preservation
- Preservation Teams
- *Sanitary Spaces*
- *Sealed Bearings*
- *Tank Level Indicators*
- *Tank Monitoring*
- Seawater Corrosion Resistant Valves
- Ventilation – Textile Ducting
- Ventilation – Disposable Filters
- Water Tight Doors
- Well Deck Overheads

Underlined Italics = FY03 Unfunded Initiative

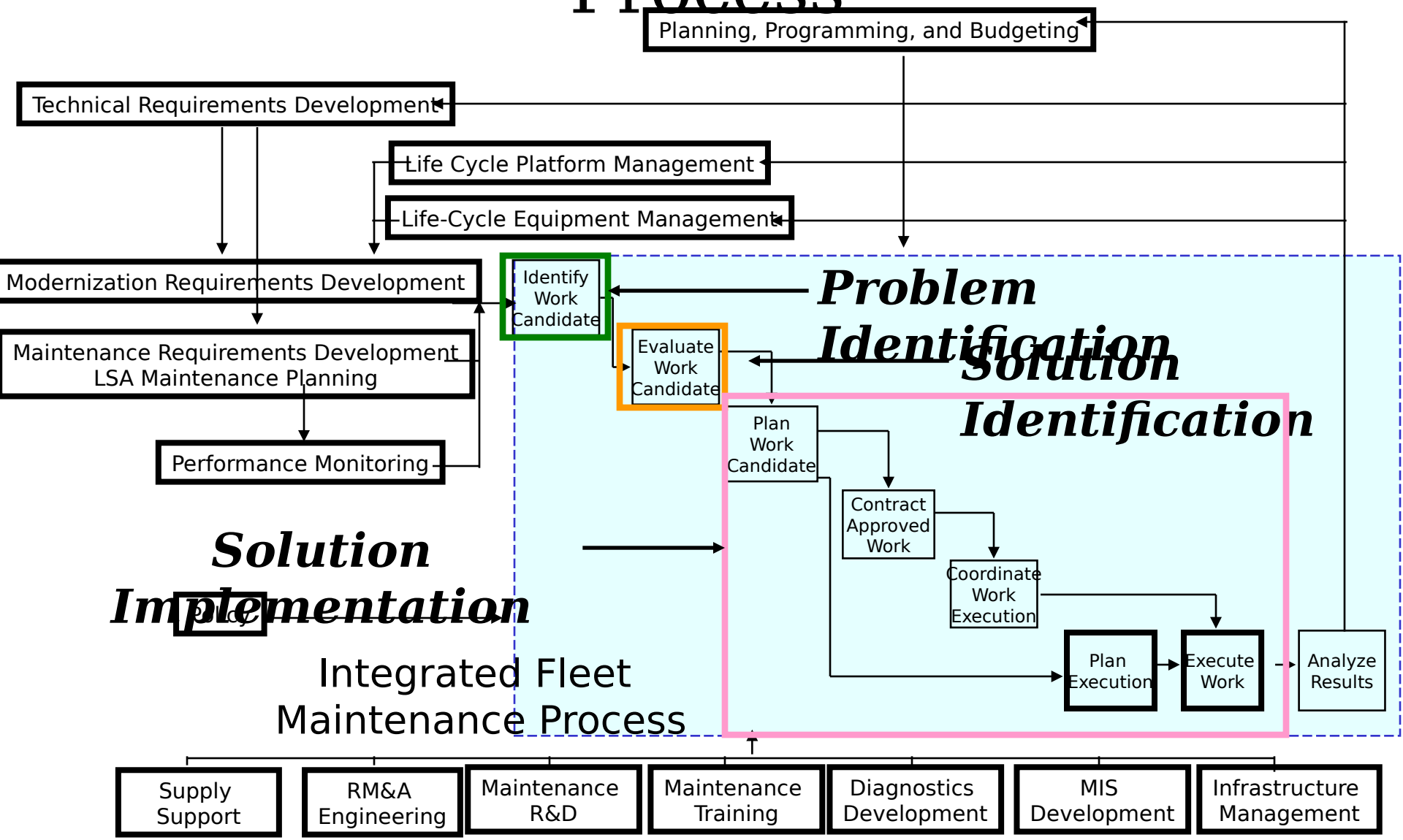
There were a total of 77 actions completed in FY02. Items of note include

- Issued change to NSTM 510 providing installation design guidance for textile ducting.
- Issued MIP 6641/005 MRC S/Q-2R for disposable filter maintenance.
- Issued Navy Standard Drawing for composite screens
- Issued Navy Standard Drawing for composite deck grating
- Issued MIP 6641/005 MRC S/Q-2R for disposable filters maintenance.
- Developed a package for the installation of Magnetic Couplings
- Issued CVN Shipboard Hand Tool AEL booklet.
- Issued approval to install gas seals on LO pumps on DDG class ships.

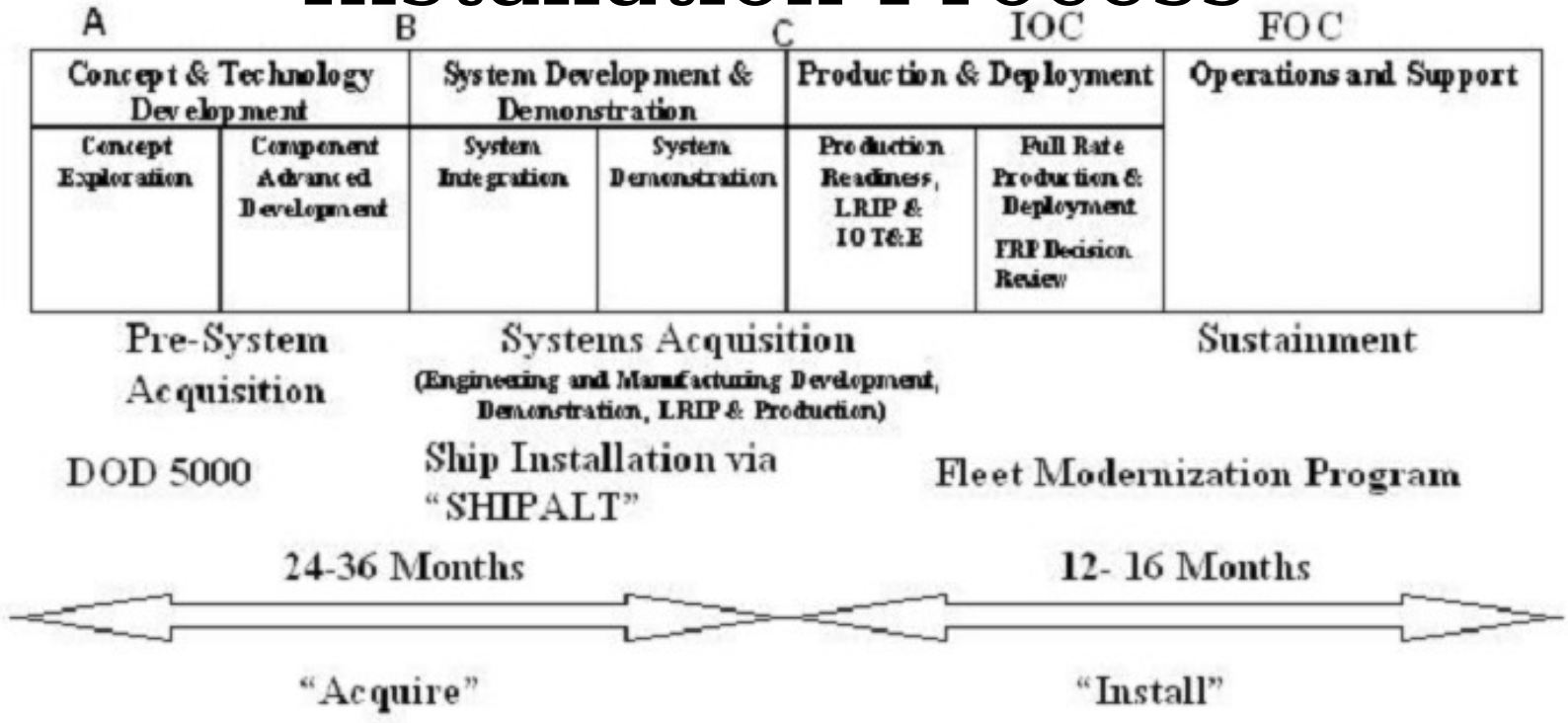
SEA 05N Program

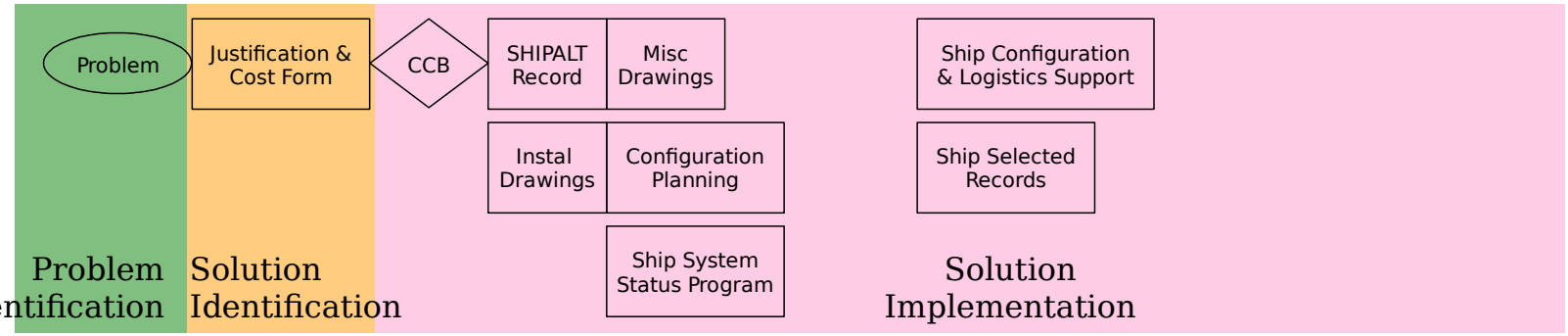


Integrated Maintenance Process

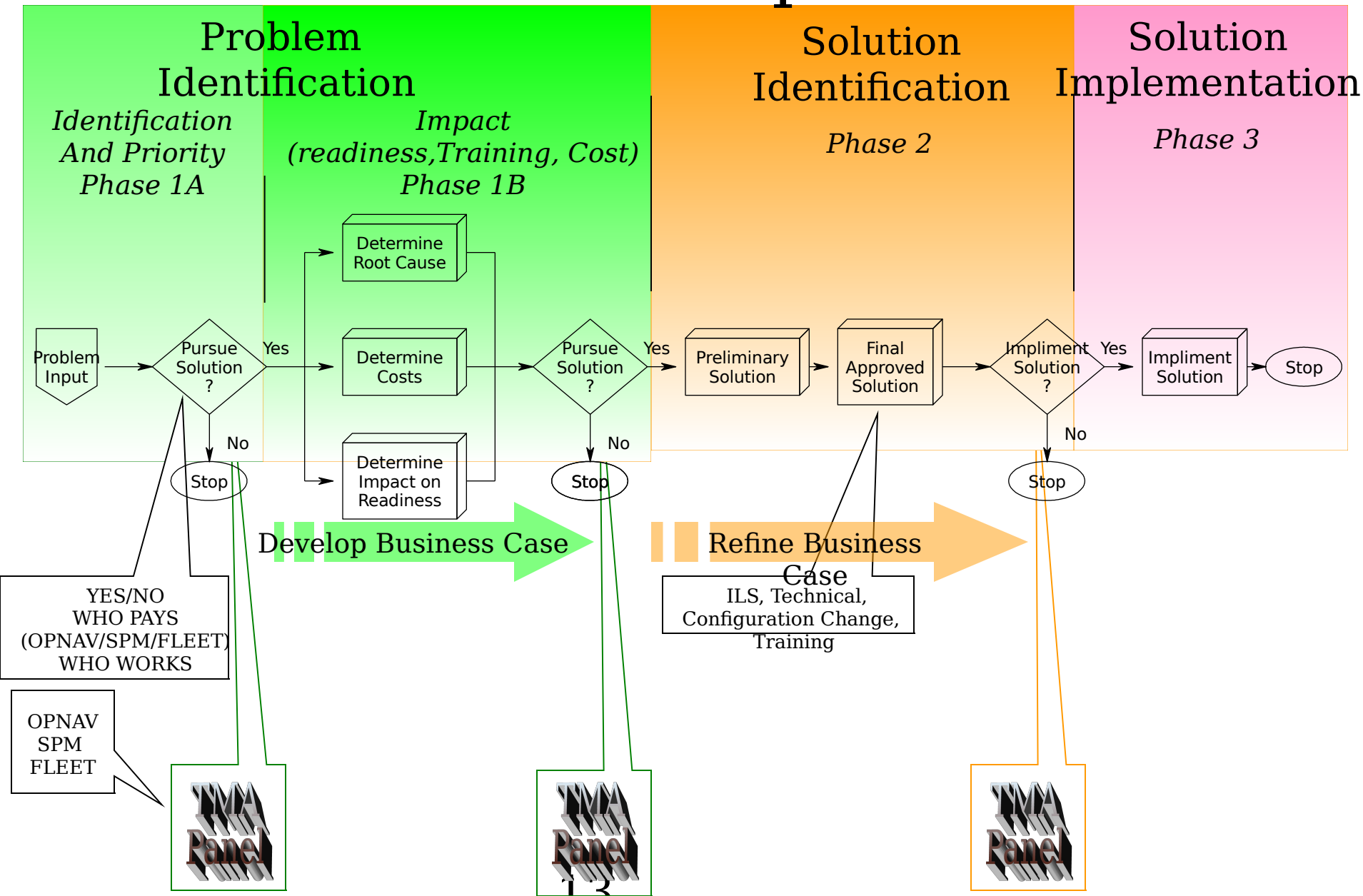


System Acquisition/FMP
SHIPALT
Installation Process

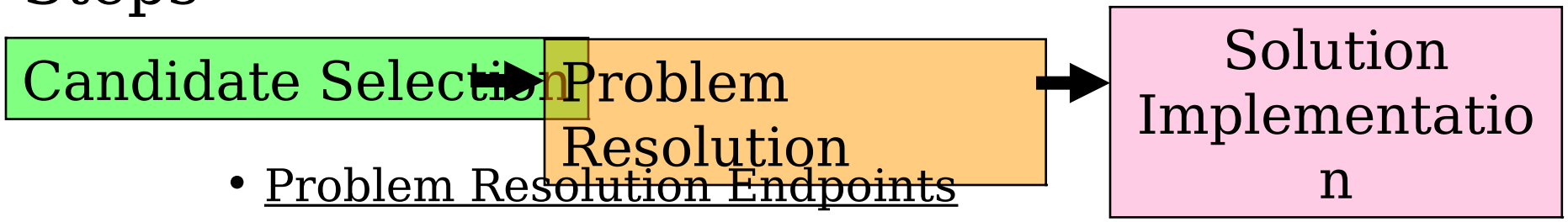




TMA/TMT Problem Resolution Steps



Steps



- Problem Resolution Endpoints
  - Technical Documentation Changes
  - Configuration Changes (Fleet Modernization Program)
  - Supply Support (APL, NSN)
  - Training (CNET, FTCs)
- Action Status Definitions
  - Open - Actions being actively processed
  - Track - Actions that contain
    - Effective plan to accomplish action
    - Sufficient funding level to complete plan
  - Closed - Actions being tracked are meeting objectives of established plan

Note: Only Fleet can nominate an item,

Only Fleet can close an item